



IFW16

RAW SEQUENCE LISTING

DATE: 07/29/2004

PATENT APPLICATION: US/09/509,418C

TIME: 09:23:04

Input Set : A:\24911 Corrected Sequence Listing.txt

Output Set: N:\CRF4\07292004\I509418C.raw

4 <110> APPLICANT: Koropatrck, Donald J.
 5 Vincent, Mark D.
 6 Dean, Nicholas M.
 8 <120> TITLE OF INVENTION: Antisense Oligonucleotides Against
 9 Thymidylate Synthase
 11 <130> FILE REFERENCE: 24911/ 753-109RCE
 13 <140> CURRENT APPLICATION NUMBER: US 09/509,418C
 C--> 14 <141> CURRENT FILING DATE: 2000-07-11
 16 <160> NUMBER OF SEQ ID NOS: 20
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 20
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 27 Oligonucleotide
 29 <400> SEQUENCE: 1
 30 gccagtggca acatccttaa 20
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 20
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Artificial Sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 39 Oligonucleotide
 41 <400> SEQUENCE: 2
 42 aagcacccta aacagccatt 20
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 20
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 51 Oligonucleotide
 53 <400> SEQUENCE: 3
 54 gcagctccga gccggccaca 20
 56 <210> SEQ ID NO: 4
 57 <211> LENGTH: 20
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic



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```

63      Oligonucleotide
65 <400> SEQUENCE: 4
66 gccggccaca ggcattggcgc          20
69 <210> SEQ ID NO: 5
71 <400> SEQUENCE: 5
W--> 72 000
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 20
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82      Oligonucleotide
84 <400> SEQUENCE: 6
85 ggcattggcgc ggcggggcggg          20
87 <210> SEQ ID NO: 7
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94      Oligonucleotide
96 <400> SEQUENCE: 7
97 atgcgccaac gggttcctaaa          20
99 <210> SEQ ID NO: 8
100 <211> LENGTH: 30
101 <212> TYPE: RNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
106      Oligonucleotide
108 <400> SEQUENCE: 8
109 uguggccggc ucggagcugc cgcgccggcc          30
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 30
113 <212> TYPE: RNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118      Oligonucleotide
120 <400> SEQUENCE: 9
121 gcuacagccu gagagaugaa uucccucugc          30
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 19
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
130      Oligonucleotide

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132 <400> SEQUENCE: 10
133 ctcagctccc tcagatttg          19
136 <210> SEQ ID NO: 11
137 <211> LENGTH: 36
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
144 <400> SEQUENCE: 11
145 ctagatgtgg ccggtcggg gctgccggc cggcca      36
147 <210> SEQ ID NO: 12
148 <211> LENGTH: 36
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
155 <400> SEQUENCE: 12
156 agcttggccg gcgcggcagc tccgagccgg ccacat      36
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 36
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: probe
166 <400> SEQUENCE: 13
167 ctagagctac agcctgagag atgaattccc tctgca      36
169 <210> SEQ ID NO: 14
170 <211> LENGTH: 36
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
177 <400> SEQUENCE: 14
178 agcttgcaga gggaattcat ctctcaggct gtagct      36
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 20
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
189 <400> SEQUENCE: 15
190 ctcttcagca cgccatggat          20
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 20
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
199      Oligonucleotide
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201 <400> SEQUENCE: 16
202 agggctctacc tttcttgccg 20
204 <210> SEQ ID NO: 17
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
212 <400> SEQUENCE: 17
213 cacactttgg gagatgcaca 20
215 <210> SEQ ID NO: 18
216 <211> LENGTH: 25
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
223 <400> SEQUENCE: 18
224 ctttgaaagc accctaadaca gccat 25
226 <210> SEQ ID NO: 19
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
234 <400> SEQUENCE: 19
235 tattggggcgc ctggtcacca 20
237 <210> SEQ ID NO: 20
238 <211> LENGTH: 20
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
245 <400> SEQUENCE: 20
246 ccaccttctt gatgtcatca 20

VERIFICATION SUMMARY

DATE: 07/29/2004

PATENT APPLICATION: US/09/509,418C

TIME: 09:23:05

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:72 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (5) SEQUENCE: